INTERPROCESSOR COMMUNICATION PROTOCOL WITH HIGH LEVEL SERVICE COMPOSITION

ABSTRACT OF THE INVENTION

An IPC network (1900) allows for the dynamic composition of services. An IPC client (1902) can for example request a service, such as a new photo service, and teach the IPC network what service components comprise the service. The IPC server (1908) will wait until all of the required service components (1914, 1916) have registered with the IPC network (1900) prior to allowing the IPC client (1902) the go ahead to use the service. The dynamic composition of services allows clients/components operating in the IPC network (1900) to change service definitions without affecting the interprocessor communications between applications operating in the network (1900). Also, the IPC network (1900) learns dynamically the new service and is able to identify the availability of the service within the network (1900).